



Q-AIR POINT

ARCHITECTURE COMPETITION

ARCHITECTURAL CONCEPT: **Q-AIR POINT | PAVILION**

TARGET: **ARCHITECTS | DESIGNERS | STUDENTS**

DEADLINE: **15TH OCTOBER 2018**

PRIZE: **BIM WORLD MUNICH 2018**



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BRIEF

This Architecture competition invites architects and designers, both professional and students, to create a contemporary, vibrant and sustainable urban place for meeting, working and socialising by creating a building pavilion to be called **Q-Air Point**.

The aim of the competition is to encourage existing and future architects and designers from around the globe to design more real-world sustainable buildings that are both visually and thermally comfortable, and above all, energy efficient with high aesthetics. Q-Air Point can be located in any urban place worldwide, but must use the innovative Q-Air glass façade system, which provides multiple benefits. It also needs to be designed in the advanced BIM environment. The Q-Air Point encourages creativity, functionality, aesthetics and connects people with the best architectural and design solutions for highest well-being.

The competition is anonymous, international and intended for architects and designers already working in the fields of architecture, design and construction, as well as students from these fields.

COMPETITION PROGRAMME

Q-Air Point:

The aim of the competition is to design a multi-application pavilion where people can work, meet friends or business partners, or just simply chill. The task is therefore to create one room which is approximately 200sqm in size. The space can be divided into two smaller rooms for added comfort, with a small coffee area, but for larger events, include a kitchen area of at least 50sqm as well as provision for restrooms. An outside area can also be included within the scope of the design, but if included, should be appropriate to the site you have chosen to locate your Pavilion.

Room programme for Q-Air Point:

- | | |
|-----------------------------------|-----------------|
| • Working / meeting / socializing | 200sqm |
| • Café / restaurant / catering | 50sqm |
| • Restrooms | 15sqm |
| • Outside area | depends on site |

Location:

The choice of location for your Q-Air Point is entirely up to you, but must be in an urban place.

ORGANISER, PARTNERS

The Organiser of the Q-Air Point architecture competition is Trimo, d.o.o., Prijateljeva cesta 12, SI - 8210 Trebnje, Slovenia and Kohlbecker Gesamtplan GmbH, Hildastraße 20, DE-76571 Gaggenau, Germany (hereinafter: the Organiser).

The Architecture competition is part of the Q-Air European innovation project: Sustainable Prefabricated Glass Façade with Performance Exceeding State-of-the-art Glass Façades (acronym Q-Air) within the Horizon 2020 programme, being implemented by five international consortium partners Trimo, Architectural solutions, d.o.o. from Slovenia, Kohlbecker Gesamtplan GmbH from Germany, ZAG, Slovenian national building and civil engineering institute from Slovenia, Cantori s.r.l. from Italy and Skandinaviska Glassystem AB from Sweden.

CALENDAR

Launch of the competition: 28th August 2018

Deadline for entry submissions: 15th October 2018, 12 pm CET

Announcement of finalists: 9th November 2018, published on the web site www.q-aircompetition.com

Announcement of winners: 27th November 2018 at BIM World MUNICH conference, Trimo´s booth

PRIZE

The Q-Air Point Architecture competition offers no monetary reward as the competition is designed for the greater purpose – the accumulation of knowledge, valuable experience and recognition.

Announcement, exhibition and presentation at BIM World MUNICH

Submissions from Q-Air Point finalists will be exhibited at the international conference BIM World MUNICH from 27 to 28. November 2018 at Trimo´s exhibition space. From the finalists the 1st, 2nd and 3rd place winners will be announced. The winners will have the opportunity to present their Q-Air Point submitted proposals to visitors. More information regarding the announcement and presentation time will follow after the finalists are selected and will be communicated directly.

Visiting the conference

1st, 2nd and 3rd winners will each receive two free tickets to attend the two-day programme of BIM World MUNICH conference (Conference + Exhibition). Winners will also attend the evening event on the 27th November 2018 in Munich, organised by Organiser of the competition.

Web and Social media

The best competition entries will be published on www.q-aircompetition.com. The winning architectural proposals will be presented/announced/shared also on the web sites and/or social media channels of partners Trimo, Kohlbecker, Cantori and Skandinaviska (consortium partners of Q-Air Horizon 2020 project) and delivered as creative winning results to the European Commission within the Q-Air Horizon 2020 project reporting.

More information about BIM World MUNICH conference and Q-Air innovative glass façade system and project within Horizon 2020:

BIM World MUNICH

BIM and digital models have become the main driving force behind innovation and performance in the construction industry, urban planning and regional development. BIM World MUNICH brings together the entire BIM ecosystem and is the gathering for all engaged sector players. The conference BIM World MUNICH will be held from 27.-28. November 2018. [More >>](#)

Q-Air, the leading European innovation

Q-Air Point is presenting you with a challenge to create using something completely new by performance, something that is also unique and a perfect match to current and future architectural, sustainable needs, especially for highly glazed buildings and nZEB (Nearly Zero Energy Buildings) or NZEB (Net Zero Energy Buildings) buildings. Q-Air presents one of the leading European innovations, which is underlined by being selected and supported by the EU's Horizon 2020 programme, a Fast Track to Innovation Pilot scheme. The project Sustainable Prefabricated Glass Façade with Performance Exceeding State-of-the-art Glass Façades (acronym Q-Air) has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 737757. [More >>](#)

COMPETITION MATERIALS

Competition documents and materials are published on the website www.q-aircompetition.com.

Competition participants have to be registered to download competition documentation and materials. You will need to register by creating a log-in with a password generated by the registration person himself/herself, in order to download competition materials.

The available and necessary material to enter the competition is available in the download section of the competition site www.q-aircompetition.com; it is permissible to use additional material collected by each participant member.

It is free of charge to download competition documentation and materials.

EVALUATION CRITERIA

The best solutions will be selected based on the following criteria:

- Innovative, aesthetic and functional design, with the emphasis on beneficial, sustainable architecture (e.g. living and working comfort, energy efficiency and use of natural daylight)
- Understanding the new concept of (highly) glazed buildings using the innovative glass façade solution Q-Air
- Q-Air 5* glass façade system needs to be used in the design and should have the majority share of materials used (approx. 60% or more) of the complete façade
- Show a variety of architectural and design possibilities using different Q-Air elements (units);
- BIM design and use of Q-Air BIM library
- Suitability for the its urban placement – universal use of the pavilion in the urbanized locations worldwide

*Q-Air 5 is 5-chamber insulating glazing system (6-layers of glass), incorporating either polyamide profiles or aluminium profiles.

SUBMISSION

The deadline for the submission of competition entries is 15th October 2018, 12 pm CET. Project concept proposals can be submitted on-line exclusively, via an on-line form at www.q-aircompetition.com.

Before submission, you are required to register also on-line at www.q-aircompetition.com. Where there are more than one person submitting the project, the selected team leader should fill out the form and enter the names of all team members.

Each entry must contain a **code** in its file name, consisting of **five characters** - letters and/or numbers with no spaces. The code is to be **set by the author**. The code should be indicated on all submitted materials, including the application form.

Materials

The competition solution has to include the following information:

- A short text with an explanation of the solution (up to 1000 characters) in English: word or other .txt format
- BIM model
- Presentation book (document), pdf, A3 format, which presents the project proposal and has to include:
 - description of the architectural concept with scheme, scratches etc.
 - drawings according to scales,
 - min. three 3D presentations of the solution of the building from different viewing points; visual presentations made by the model (screenshots as a minimum; pdf/jpg/tiff)
 - catalogue (a list) of used elements (from BIM model)
 - marked with the author's code
- All files (doc, txt, jpg, tiff...) from presentation book have to be uploaded separately and marked with serial number (for example ABCDE_1, ABCDE_2 ...)
- Scale:
 - Site plan 1:500
 - Floor plans 1:100
 - Section: 2x 1:100
 - Elevations East, North, West, South: 4x 1:100

The above enumerated visual elements of the project solutions must be presented in a monochrome or RGB colour setting (minimum 150 dpi resolution, pdf/jpg/tiff).

The applicant may, in addition to those enumerated, submit other forms of presentation (e.g. video in .avi or .mpeg formats).

All elements of the contents except for the data in the e-application have to have codes (anonymous), not to disclose the author's identity (authors' identities) - authors should **not write their names on boards, just their code**.

The author's identity will be revealed after the voting of the jury is completed. During jury voting the identity of the author will be known only to the website administrator.

JURY

The professional international jury will evaluate all entries received, and includes architects, engineers, BIM managers, researchers, developers and marketing professionals.

Tatjana Žužek, Mojca Šavnik | Trimo, d.o.o., Slovenia [More >>](#)

Peter Steiger, Marianne Sanschi | Kohlbecker Gesamtplan GmbH, Germany [More >>](#)

Giordano Cantori, Marco Menghini | Cantori S.r.l, Italy [More >>](#)

Katja Malovrh Rebec | ZAG - Slovenian National Building and Civil Engineering Institute, Slovenia [More >>](#)

The professional international jury will decide the finalists from all received entries and will select the 1st place, 2nd place and 3rd place winners from these finalists.

RULES

1. Competition participants must respect calendar dates and procedures.
2. Competition participants must respect all the instructions regarding required material.
3. The language of competition is English.
4. Competition participants can be architects and designers, both professional and students
5. Entering the competition can be either individually or as a team.
6. Prizes are established regardless of the number of members of the team.

7. The decision of the international professional jury is final, which is agreed by all participants upon entering the competition.
8. It is forbidden for authors to publicise their own proposed material before the official announcement of winners has been made.
9. Submitted proposals must be the original work of the competition participants.
10. By entering the competition, the competition participants accept the competition's terms and conditions.

OTHER PROVISIONS


All documentation that is the subject of the contest, represent copyright work in accordance with the Law on Copyright and Related Rights of Republic of Slovenia (hereinafter referred to as copyright works). Each participant who enters the contest and submits documents thus transfers exclusive material copyrights, unlimited as regards time and geography, for all copyrighted work to the contest Organiser.

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The material copyrights in the preceding paragraph include all material copyrights (reproduction, distribution, public communication, adaptation and exclusive right to use such modified works) enumerated in Article 22 of the Act on Copyright and Related Rights of Republic of Slovenia. The Organiser may freely transfer the acquired rights of third parties. The transfer of material copyrights in the preceding paragraph is not subject to payment or any additional payment to contest participants.

The contest Organiser, as the administrator, is permitted, until revoked, to maintain and process the collected personal data of participants and registered users in accordance with the Act on Protection of Personal Data and Privacy policy. The Organiser will protect personal data as stipulated by the law.

The architectural competition results will be presented/announced/shared also on the web sites and/or social media channels of partners Trimo, d.o.o., Kohlbecker Gesamtplan GmbH, Cantori s.r.l. and Skandinaviska Glassystem AB (consortium partners of Q-Air Horizon 2020 project) and delivered as creative results to the European Commission within Q-Air Horizon 2020 project reporting. Q-Air is an acronym of the project: Sustainable Prefabricated Glass Façade with Performance Exceeding State-of-



the-art Glass Façades, within Horizon 2020 programme, call FTIPilot - Fast Track to Innovation Pilot, being implemented by five international consortium partners named in this chapter.

Each participant, by participating in the contest, except where legally prohibited, grants permission for the Organizers to use his/her name and prize information for advertising, public relations and promotional purposes without further compensation, in all media now known or hereafter discovered, worldwide in perpetuity, for an unlimited period, without notice or review or approval.

The author's identity will be revealed after the voting of the jury is completed. During jury voting the identity of the author will be known only to the website administrator.

Participants of this competition agree to the conditions specified in this contest upon applying to the competition.

The Organiser reserves the right to supplement competition documentation which will be published on the website www.q-aircompetition.com.

Competition participants will be held accountable for the personal data they provide and the Organiser does not assume any responsibility for wrong data provided. The Organiser, according to privacy policies, has the right to verify candidates' data by requesting a copy of an identity document regarding the data of the registration. Organiser is not responsible for false data provision by candidates.

Organiser is not responsible for any malfunctioning or technical difficulties related to material upload.

Organiser reserves the right to allocate the award other than indicated in the competition documentation if the jury considers none of the submitted entries meet the quality criteria for the granting of awards.

For any queries regarding the competition a contact mail is info@q-aircompetition.com.

Trimo d.o.o. and Kohlbecker Gesamtplan GmbH

20th August 2018

www.q-aircompetition.com